

CORNELL UNIVERSITY
Department of Natural Resources
New York State College of Agriculture and Life Sciences
PROGRESS REPORT

E7.3 10964
CR-133650

Evaluation of Satellite Imagery as an Information Service for Investigating
Land Use and Natural Resources (Skylab), NASA Contract NAS 9-13364

This report covers the period August 1, 1973, to August 31, 1973.
During this period a milestone plan was prepared and submitted in accordance with Section 1.2.1 of the Statement of Work. Due to the unavailability of data from the EREP package, no analysis work was performed during August.

As of September 1, 1973, one person has been assigned to the project on a parttime basis for purposes of outlining some new concepts for using spectral data in land use inventories and regional planning. This is necessary to insure that spectral data from the sensor package can be categorized in a way usable by planning agencies. On the other hand, existing categories, including those in the USGS Circular 671, were not intended to, and do not fully exploit, the information contained in the multispectral camera array. Other concepts in classification theory, based on the available sensors, are being exploited. Problem areas of this nature will continue to be explored in order to define later avenues for investigation upon receipt of the data.

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